

Converting Colors

Hex(36311D)

Have a look what the booklet for
Hex(36311D) contains.

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Color

Hex(36311D)

Conversions

Conversions Part 1

Format	Color
Hex	36311D
RGB	54, 49, 29
RGB Percent	21%, 19%, 11%
CMY	0.7882, 0.8078, 0.8863
CMYK	0.00, 0.09, 0.46, 0.79
HSL	48°, 30%, 16%
HSV	48°, 46%, 21%
XYZ	2.8414, 3.0696, 1.6051
YIQ	48.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

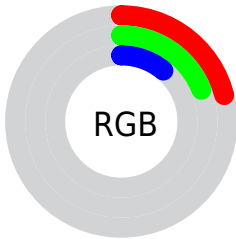
Format	Color
RYB	35, 54, 29
Decimal	3551517
CIELab	20.32, -1.37, 13.58
CIElCh	20, 13.651, 95.778
Yxy	3.0696, 0.3780, 0.4084
Android (android.graphics.Color)	4281741597 (0xFF36311D)
YUV	48.2150, -9.4730, 5.0734
Hunter-Lab	17.5203, -1.7117, 6.8323

Details

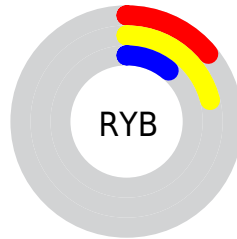
The Hex color **36311D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D2236**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **655F49**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **363018**, and if you desaturate by 10%, it is **363222**.

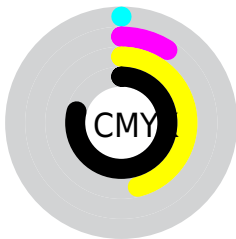
Distribution



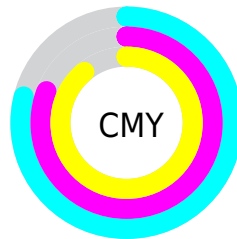
- Red (21%)
- Green (19%)
- Blue (11%)



- Red (14%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (79%)



- Cyan (79%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36311D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 36311D by changing the saturation by 10% instead.

■ 36311D

■ 36311D

FFFFFF

■ 211C04

■ 655F49

■ 000200

■ 7F7861

■ 000000

■ 99917A

■ B4AC93

■ CFC7AE

■ ECE3C9

■ FFFFE6

■ 36311D

■ 36311D

■ 363018

■ 363222

■ 362F12

■ 363328

■ 362E0D

■ 36342D

■ 362D07

■ 363533

■ 362C02

■ 363638

■ 362B00

■ 36373D

■ 363943

■ 363A48

■ 363B4E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3F2E1F



36311D



2B3421

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36311D



0F363C



3F2B39

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36311D



1D2236

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



352E41



36311D



183443

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36311D



143633



273145



44292F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36311D



233525



273145



3C2C3C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36311D



47453D



361D22



24221E



A3A3A3



242424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36311D



473F1F



2F361D



1C1B19



5C4900



DBAF00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1D2236



1F2747



241D36



191A1C



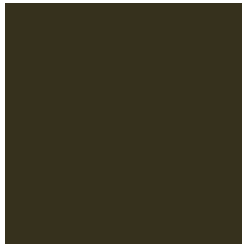
00125C



002CDB

Previews

White Background



This preview shows how the Hex color 36311D looks on a white background.

Color Contrast Check

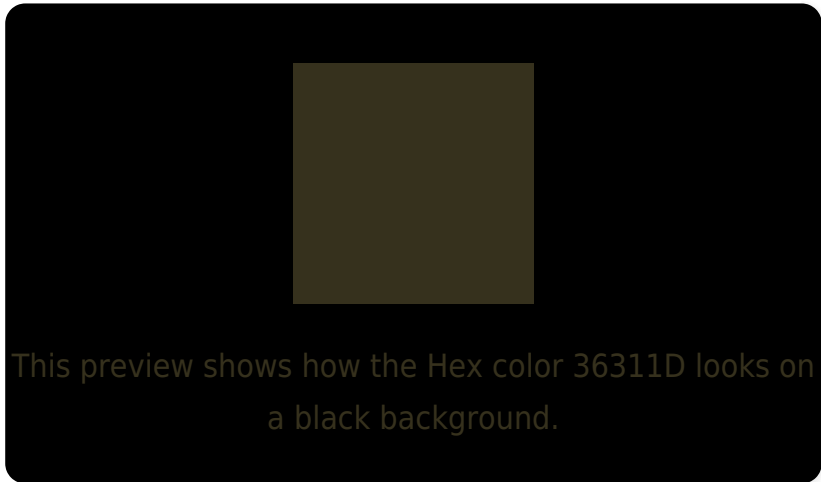
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

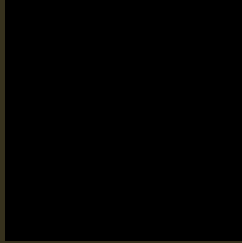
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 36311D Background



This preview shows how black text looks on a background with the Hex color 36311D.



This preview shows how white text looks on a background with the Hex color 36311D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
36311D

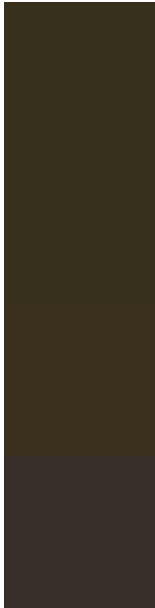
Protanopia
36311D

Deuteranopia
3C2F1D



Tritanopia
382E32

Trichromacy



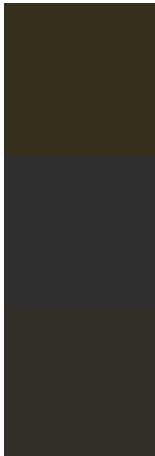
Original Color
36311D

Protanomaly
36311D

Deuteranomaly
3A301D

Tritanomaly
372F2A

Monochromacy



Original Color
36311D

Achromatopsia
303030

Achromatomaly
323029

CSS Examples

Text

The CSS property to change the color of the text to Hex 36311D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #36311D looks like.

```
.text, #text, p{  
    color:#36311D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #36311D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36311D
}
```

Border

The CSS property to change the border of an element to Hex 36311D is called "border". The border property can be set on classes, ids or directly on the HTML element.

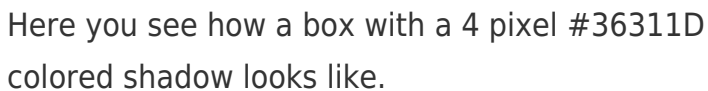
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36311D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#36311D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #36311D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36311D; -webkit-box-shadow:4px 4px  
4px 4px #36311D; box-shadow:4px 4px 4px  
4px #36311D }
```

Background

The CSS property to change the background color of an element to Hex 36311D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36311D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#36311D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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